Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

PROJECT SUB-DIVISION-01

Name of Work: Improvements and Development works to Geleyara Balaga Park, in Ward-12

Est .Cost Rs. 50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							
	For SSM Foundation		1	256.00	1.20	0.90	276.48		
	For Pathway		1	330.00	2.60	0.30	257.40		
	For Kerb		2	330.00	0.20	0.20	26.40		
							560.28	124.02	**69486.00**
	Basic Rate	117.00							
	Area Weightage @ 6%	7.02							
	Total	**124.02**							
2	KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ PWD SR 2014-15	cum							
	For Retaining Wall		1	40.00	1.20	3.50	168.00		
							168.00	259.70	**43630.00**
	Basic Rate	245.00							
	Area Weightage @ 6%	14.70							
	Total	**259.70**							

3	KSRB 2.8: Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, and watering, including cost of all materials and labour with lead and lift. complete as per specifications. Specification No. KBS. Page No. 6/ Item No. 2.15/ PWD SR 2013-14	cum							
			1	40.00	1.20	0.30	14.40		
							14.40	1926.02	**27735.00**
	Basic Rate	1817.00							
	Area Weightage @ 6%	109.02							
	Total	**1,926.02**							
4	KSRB 4-1.7: Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220Kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 13/ Item No. 4.7/ PWD SR 2014-15	cum							
			1	40.00	1.20	0.20	9.60		
	For SSM Foundation		1	256.00	0.90	0.15	34.56		
							44.16	5189.76	**229180.00**
	Basic Rate	4896.00							
	Area Weightage @ 6%	293.76							
	Total	**5,189.76**							
5	KSRB 5.2.3 Providing and constructing granite / trap / basalt size stone masonry in foundation in cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2014-15	Cum							
	Base Course		1	256.00	0.75	0.40	76.80		
			1	232.00	0.60	0.20	27.84		
							104.64	3,765.12	**393982.00**
	Basic Rate	3,552.00							
	Area Weightage @ 6%	213.12							
	Total	**3,765.12**							

6	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2014-15	Cum							
	For Providing Chain link Fencing		1	256.00	0.45	0.60	69.12		
							69.12	4458.36	**308162.00**
	Basic Rate	4206.00							
	Area Weightage @ 6%	252.36							
	Total	**4,458.36**							
7	KSRB 15.1.5: Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.5 / PWD SR 2014-15	Sqm							
	For Providing Chain link Fencing		1	256.00		0.60	153.60		
							153.60	133.56	**20515.00**
	Basic Rate	126.00							
	Area Weightage @ 6%	7.56							
	Total	**133.56**							
8	KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M-20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64cum and fine aggregate @ 0.43cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms. Thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2, Page No. 12/ Item No. 4.5/ PWD SR 2014-15	cum							
	For Providing Chain link Fencing		1	256.00	0.45	0.10	11.52		
	For Retaining Wall		1	40.00	1.20	0.30	14.40		
			1	40.00	(1.2+ 0.45)/ 2	3.00	99.00		
							124.92	5744.14	**717558.00**
	Basic Rate	5419.00							
	Area Weightage @ 6%	325.14							
	Total	**5,744.14**							

9	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14	Q							
	Consider 60%			133.80			80.28		
							80.28	7828.10	**628440.00**
	Basic Rate	7,385.00							
	Area Weightage @ 6%	443.10							
	Total	**7,828.10**							
10	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with Suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint. Page No. 252/ Item No. 37.3/ PWD SR 2014-15	Sqm							
	For Providing Chain link Fencing		1	256.00		1.80	460.80		
							460.80	669.92	**308699.00**
	Basic Rate	632.00							
	Area Weightage @ 6%	37.92							
	Total	**669.92**							
11	Supplying and fixing M.S Rectangular poles made out of 2 equal angles of 65X65X6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all Materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in-Charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Page No. 252/ Item No. 37.2/ PWD SR 2014-15	M							
	For Boundary fencing		1	102.00		1.80	183.60		
							183.60	1,093.92	**200844.00**
	Basic Rate	1,032.00							

	Area Weightage @ 6%	61.92							
	Total	**1,093.92**							
12	Providing and fixing M.S block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe and fixing pipe in between the two vertile poles (M.S. rectangular poles) and spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-Charge of work etc., Complete including two coats of approved quality paint over one coat of shop paint. Page No. 252/ Item No. 37.4/ PWD SR 2014-15	M							
	For Providing Chain link Fencing		3	256.00			768.00		
							768.00	316.94	**243410.00**
	Basic Rate	299.00							
	Area Weightage @ 6%	17.94							
	Total	**316.94**							
13	KSRB 14.6-1 : Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufactures of blocks of approved size , shape and colour with a minimum compressive strength of 281kgs per Sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour, curing complete as per specifications. Page No.98/ Item No. 14.6 / PWD SR 2014-15								
	Path way	Sqm	1	330.00	2.40		792.00		
							792.00	876.62	**694283.00**
	Basic Rate	827.00							
	Area Weightage @ 6%	49.62							
	Total	**876.62**							
14	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. of size 450x200x400 mm. Page No. 28/ Item No. 5.29.1/ PWD SR 2013-14								
	kerb stone	No	1437				1437.00		
							1437.00	350.86	**504186.00**
	Basic Rate	331.00							
	Area Weightage @ 6%	19.86							
	Total	**350.86**							
15	KSRRB M 800.1. Painting two cots after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8. Page No. 195/ Item No. 24.1/ PWD SR 2013-14								
	kerb stone	Sqm	2	330.00		0.45	297.00		
							297.00	55.12	**16371.00**
	Basic Rate	52.00							
	Area Weightage @ 6%	3.12							
	Total	**55.12**							

16	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead **10 Km** a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. **2.00** Tonne/Km b)Average earth of work **1.28** Tonne/Km for Rs. **2.00**/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. **62.20** (P.150, I.no.18.57/1, PWD SR 2014-15)								
	Qty Vide Item No=1+5	Cum					728.28		
	Qty Limited to						767.00	72.71	55765.00
	Basic Rate (Rs.2.0 x 1.28 x 2 kms)	5.12							
	Loading and Unloading Charges	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.706**							
									4462246.00
17	Add: 10% KRIDL Charges + Cess 1%								**490847.00**
18	Add: 1% for Quality Control Charges								**44622.00**
19	Miscellaneous and unforseen Charges								**2285.00**
								Total	**5000000.00**
	(Rupees Fifty Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2014-15
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Project Sub-Division

Asst Executive Engineer
Project Sub-Division
Dasarahalli Zone, BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. ಕಛ/13-14 ದಿನಾಂಕ : 4/12/2014.
ಕಡತಸಂಖ್ಯೆ:77
ರೂ. 50,00,000 ಲಕ್ಷಗಳು/ ಮೂವತ್ತು ಲಕ್ಷಗಳು ..
ನಗದು
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು.
ತಾಂತ್ರಿಕ ಸಲಹಾಗಾರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.